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- (71) Applicant (for all designated States except US): OHIO UNIVERSITY [US/US]; Technology Transfer Office, 20 East Circle Drive, Athens, 11 45701 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KOPCHICK, John, J. [US/US]; 4 Orchard Lane, Athens, 36 45701 (US). KELDER, Bruce [US/US]; c/o Edison Biotechnology Institute (EBI), Konneker Research Laboratory 206B, Ohio University, Athens, Ohio 45701 (US). BOYCE, Keith S. [US/US]; 2589 Cole Road, Wexford, P 15090 (US). KRIETE, Andres [US/US]; 1222 Driftwood Drive, Pittsburgh, PA 15243 (US).
- (74) Agents: BROWDY AND NEIMARK, P.L.L.C. et al.; 624 Ninth Street N.W.||Suite 300, Washington, District of Columbia 20001-5303 (US).
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(54) Title: DIAGNOSIS OF HYPERINSULINEMIA AND TYPE II DIABETES AND PROTECTION AGAINST SAME

(57) Abstract: Mouse genes differentially expressed in comparisons of normal vs. hyperinsulinemic, hyperinsulinemic vs. type 2 diabetic, and normal vs. type 2 diabetic liver by gene chip analysis have been identified, as have corresponding human genes and proteins. The human molecules, or antagonists thereof, may be used for protection against hyperinsulinemia or type 2 diabetes, or their sequelae.